



The Raleigh Amateur Radio Society's **EXCITER**

GET INVOLVED

- RARS General Membership meeting: Second Tuesday of the month.
- The RARS net meets every night except Saturday @ 8 p.m. on 146.640.
- The RARS Technical & Trader's net: Saturdays @ 8:00 PM on 146.64.
- RARS meets for a monthly dinner on the First Tuesday of each month.



PUBLIC SERVICE EVENTS

Interested in helping? Visit
<http://www.rars.org/public-service.php>

frequently for our 2017
ham public service
schedule.

RARS General Meeting

Topic: Recent advances in radio frequency imaging research for aviation security, Daniel Marks, KW4TI

Date: July 11, 2017

Time: Meeting at 7:30PM

Informal gathering and refreshments from 7 - 7:30 p.m.

Where: Ridge Road Baptist Church. 2011 Ridge Rd., Raleigh

New HAM / Elmer meeting, 6:00 p.m. before member meeting

Tadd Torborg, KA2DEW, Elmer Coordinator

President's Message

CQ Field Day, CQ Field Day, W4DW! That phrase was running through my head for a few days this week in an SSB kind of voice. Kudos to those who converged on the premises of the Raleigh Police Club last weekend to help with RARS' entry into this year's event (it is not a contest, HI).

This year, RARS operated as an 8A entry. Special added attractions were a solar powered station and a satellite station, as well as the usual GOTA station using the club call of N4RAL.

We got off to a good running start when the event

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RARS Officers

PRESIDENT

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VICE PRESIDENT

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The Raleigh Amateur Radio Society

The Raleigh Amateur Radio Society, Inc. (RARS) was founded in 1969 and continues to serve and support the amateur radio community in the greater Triangle area. In 1999, the society incorporated a new RARS and obtained 501(c)(3) non-profit tax status.

The objectives of the club are to promote worldwide friendship through amateur radio; to be of public service by providing radio communications in times of disaster, emergency, or civic needs; to educate members in radio technique, and to provide training classes to assist in obtaining amateur radio licenses.

Anyone interested in amateur radio is eligible to apply for membership. Dues for regular licensed amateurs are \$18 per year (from July 1 through June 30). Additional immediate family members pay \$5 each per year. Dues for licensed amateurs older than 59 or younger than 16 are \$12 per year. Dues for non-licensed associate members are \$9 per year. Applications for membership may be obtained from the treasurer or on the RARS website (www.rars.org).

Exciter

The Exciter is the official newsletter of the Raleigh Amateur Radio Society. It appears each month as a PDF on the RARS website at www.rars.org. Members receive email notification when the latest version is available. Please provide your email address to the Treasurer.

The Exciter welcomes articles, advertisements, and other contributions. To submit a piece to the newsletter, please contact the Editor. The Editor reserves the right to edit any and all pieces. The submission deadline for each month's Exciter is the third Friday of the preceding month. All submissions must be final. Drafts are not accepted.

The views expressed in the Exciter are those of the individual authors and do not necessarily reflect the views of the Editor or RARS.

Tom Lewis, N4TL, editor (editor@rars.org)

For Your Information

RARS General Meeting

Date: **Second** Tuesday of each month

Location: Ridge Road Baptist Church 2011
Ridge Road Raleigh, NC, 27607

Time: People begin arriving at 7 p.m. The meeting officially begins at 7:30 p.m.

RARS Monthly Dinner

All members and guests are welcome to the monthly (first Tuesday) RARS Supper, 6:30PM, at the Golden Corral Restaurant, 6129 Glenwood Ave., Raleigh. Informal and Dutch, just bring your appetite and best rag to chew. 73, Chuck, K4HF

RARS Repeaters in Raleigh

146.640 and 444.525

Join us for the nightly RARS net at 8 p.m. on the 146.640 repeater. All hams holding a Technician class license or higher are invited to check in. We welcome both RARS and non-RARS members to the net.

There is a net Listing on the RARS website click here. <http://www.rars.org/nets.php>

VE Testing

The RARS VEs will accept walk-in testing in February, May, August and November at 5:30PM, prior to RARS membership meetings at Ridge Road Baptist Church; the RARSfest in April; the Cary Swapfest in July; the JARS-Fest in November; and following RARS license classes. Please bring a photo ID, your original and a copy of your current license, your \$14 exam fee, and any valid CSCEs that prove passing elements beyond that of your current license. Visit www.rars.org for more information.

President's Message continued

commenced at 1800 UTC on Saturday. It was to be short-lived, as torrential rains and threats of lightning ground us to a halt a couple of hours in. But all was not lost, as this time was put to good use for the annual RARS barbecue dinner.

After the weather cleared, it was back to the action. Many operators worked stations throughout the night and into Sunday morning. The GOTA station, which was in air conditioned comfort this year, had one of the largest turnouts in recent years. Many non-licensed, newly licensed, and inactive hams were able to make HF contacts. There's something about seeing a child's face when they make their first contact that seems to make the work effort worthwhile.

Marty, W4MY, and his band of band captains and other assorted "officials" really went out of their way to make this year's event a success. And as for the food, the Friday setup meal was provided by PDQ at 6305 Falls of Neuse Road. The Saturday barbecue meal was provided by the BBQ Brothers Riding Club and prepared by Ole Time BBQ at 6309 Hillsborough Street. The Saturday meal was a raffle prize from the club in their effort to raise money for

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President's Message continued

Pediatric Brain Tumor research.

We are in the middle of summer. I hope everyone had a happy and safe Independence Day.

73, Dennis NC4DK

New RARS Members

Shirley Stanley	KN4CVK
Al Sutton, Jr.	KN4DRL
Megan Sutton	KN4DRM
Jon Suen	KG6K
Jonathan Chandler	No License

RARS June Birthdays

Cheryl	WA1WEY	07/01
James	KE4DRN	07/03
Bill	N9JLP	07/06
Doug	K1DUG	07/06
Eugene	KD4YJX	07/06
Bruce	K6BDH	07/07
Rick	KD4PJI	07/08
Cathy	KA3QPU	07/09
John	AI4RT	07/10
Annette	KB4AQH	07/11
Doug	AD4UL	07/14
Wade	KG4KAH	07/14
Al	KN4DRL	07/15
Jerry	WA1WHD	07/15
Nick	KM4WRR	07/16
Jim	KM4WRK	07/17
Alan	K1VZJ	07/17
Lowell	K4EUP	07/17
Bob	K4RLC	07/19
Ed	KN4DRQ	07/19
Lee	WB4DRJ	07/25

Lost and Found

At the last RARS meeting someone left a navy blue wool cardigan sweater.

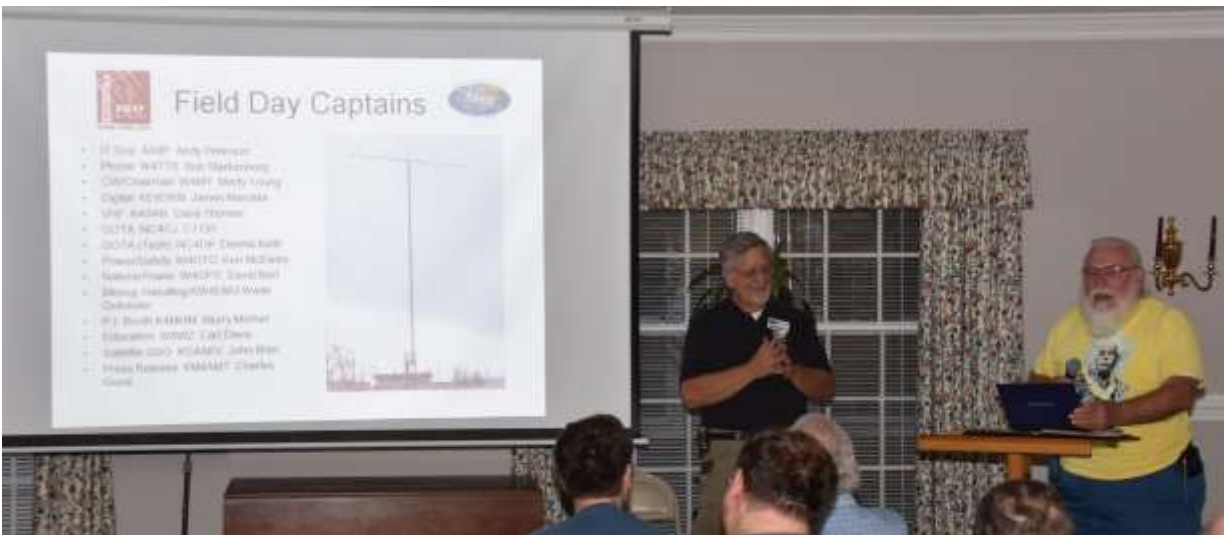
Carl W8WZ has it, Contact Carl at e-mail w8wz@aol.com

RARS Meeting Door Prize Winners



WA4GEH Lynwood, W4CP Curt, KM4NBO Keith and KN4CSF Kathleen

June 13, 2017 RARS meeting Presentation



Marty W4MY and Ken KI4OTO

Marty W4MY, gave the presentation about Field Day 2017.

Ken KI4OTO was the safety officer and spoke about that.

Field Day 2017

Raleigh Police Club, Knightdale NC

By Marty Young, W4MY
Field Day Chairman

Field Day is in the books for 2017 and what a success it was. I think everyone who participated and visited had a good time. There are just too many to thank for the work put into this event for making it such a resounding success.

This year we were Eight-Alpha. That means we had eight stations plus VHF plus GOTA with everything on generator power. All were busy on the air making 3,215 some odd QSOs, passing 13 messages via the National Traffic System, making two satellite QSOs, and putting in the bag five natural power (non-generator) contacts. All while having time to eat good to boot!

I'm happy to report we had 48 active participants and were visited by 34 others. I spoke to one ham who was at their first Field Day after being licensed for over 10 years. He confided in me that he has never had a QSO on any band, ever, as of yet! Needless to say I directed him to the GOTA station and later found out he had not only gotten his first QSO under his belt, but also made quite a number of others as well.

Murphy made his appearance and we had some of the usual technical issues to solve, and we even got some rain Saturday as usual. Everyone took it in stride in true team fashion and we made it through fine. We did have a nice 10 meter opening Sunday morning that was a pleasant surprise and I got to work that one a little. I have to say the ability to have inside access to the Police Clubhouse made all the difference. We really appreciate the Raleigh Police Club for making their facility available.

There will be a final report forthcoming at an upcoming meeting, so stay tuned. We went into this year at the new location in Knightdale with a lot of unknowns, but I have to say the club really stepped up and we put our best foot forward. The result was a very fun time was had by all.

My wife Jan and I went on a cruise around the UK from June 17 to June 30. The ship was suppose to stop at Orkney Islands but the seas were too rough and that port was canceled.

This is a picture from the Orkney Wireless Museum website.

73 Tom N4TL



New HAM / Elmer meeting, 6:00 p.m. before the member meeting

Tadd Torborg, KA2DEW, Elmer Coordinator

The New Hams meeting is held every month before the regular RARS meeting. We'll try to start by 6pm. We try to address topics in a manner that will be of help to hams in their first year of operation.

Tadd / KA2DEW

tadd@mac.com

Raleigh NC FM05pv



During the June membership meeting Anderson Powerpole connectors were discussed. Some information can be found at these and other websites.

https://en.wikipedia.org/wiki/Anderson_Powerpole

<https://www.dxengineering.com/parts/dxe-pp45>

Future Hamfests

A full list of Hamfests can be found at the [ARRL website](#).

07/08/2017 | [Firecracker Hamfest](#)

Location: Salisbury, NC

Type: ARRL Hamfest

Sponsor: Rowan Amateur Radio Society

Website: <http://www.rowanars.org/firecracker-hamfest/>

07/15/2017 | [Mid-Summer SWAPFEST](#)

Location: Cary, NC

Type: ARRL Hamfest

Sponsor: Cary Amateur Radio Club

Website: <http://www.qsl.net/n4nc>

08/12/2017 | [19th Annual Cape Fear Amateur Radio Society Swapfest](#)

Location: Fayetteville, NC

Type: ARRL Hamfest

Sponsor: Cape Fear Amateur Radio Society

Website: <http://www.cfarsnc.org>

09/01/2017 | [North Carolina State Convention](#)

Location: Shelby, NC

Type: ARRL Convention

Sponsor: Shelby Amateur Radio Club

Website: <http://www.shelbyhamfest.org>

A picture from the Orkney
Wireless Museum website.



Useful & Interesting

Lightning Maps in Real Time

<https://www.lightningmaps.org/about?lang=en>

Free book on VHF and UHF if pdf format.

<http://www.trpub.net/assets/applets/VHF-UHF DX Book.pdf>

Orkney Wireless Museum in the United Kingdom.

<http://www.orkneywirelessmuseum.org.uk/>

Future RARS 2017 Meeting Topics

Titles, topics, and speakers subject to change.

7/11/2017	Recent advances in radio frequency imaging research for aviation security	Daniel Marks, KW4TI
8/8/2017	Show and Tell. Bring something of interest in Ham Radio that you would like to show off. Be prepared to talk about it. The time will be limited so everyone can have time to show their item.	Members for Show and Tell
9/12/2017	Bring'em back from the dead. Old radio restoration	Charles A. Davis Sr. WA3UTC
10/10/2017	RARS Officers nominations RARS Auction	Election committee & TBD
11/14/2017	RARS Officers election and digital mode WSPR WSPR (pronounced "whisper") stands for "Weak Signal Propagation Reporter."	Election committee & Tom McKee, K4ZAD
12/12/2017	RARS pot luck Holiday party. Sign up at the RARS website. RARS Officers induction.	Election committee

Upgrade to General Class Operator



The Raleigh Amateur Radio Society is offering a

General Class Licensing Course

at the

Wake Tech Beltline Education Center located at 3200 Bush St, Raleigh, NC 27609 in room 404D.

The course will consist of four 5 hour classes and is designed to teach all of the information that is needed to earn the General Class Amateur Radio License and begin enjoying the world wide possibilities of HF communications. Students enrolling in this class must currently hold a Technician Class license.

Class Schedule:

Saturday, July 15	8:00 AM - 1:00 PM
Saturday, July 22	8:00 AM - 1:00 PM
Saturday, July 29	8:00 AM - 1:00 PM
Saturday, Aug 5	8:00 AM - 4:00 PM
(test administered 1:30 – 4:00 PM on Aug 5)	

Capacity is limited to 20 students and registration is required. Due to limited seating no walk-ins will be accepted. Students under age 12 must be accompanied by an adult.

Students must come with the textbook **ARRL General Class License Manual, 8th edition** ISBN:978-1-62595-030-7 which can be purchased at this link: <http://www.arrl.org/shop/ARRL-General-Class-License-Manual-8th-Edition/>

The non-refundable cost for the course is \$10 payable in cash at the first session. There is an additional fee of \$14 for the license test payable on the day of the exam.

The instructor is Mr. Michael A. Murphy. Mike, whose amateur call sign is WA4BPJ holds an Amateur Extra Class License and has many years of experience teaching amateur radio classes.

To ask questions or register for the class please e-mail RARS Education Director Carl Davis at w8wz@aol.com



Become an Amateur Radio Operator



The Raleigh Amateur Radio Society is offering Technician Level

Amateur Radio Licensing Classes

at the

Wake Tech Beltline Education Center located at 3200 Bush St, Raleigh, NC 27609 in room 404D.

The course will consist of four 5 hour classes and is designed to teach all of the information that is needed to earn the Technician Level Amateur Radio License and begin enjoying the hobby of ham radio.

Class Schedule:

Saturday, SEPT 16	8:00 AM - 1:00 PM
Saturday, SEPT 23	8:00 AM - 1:00 PM
Saturday, SEPT 30	No Class
Saturday, OCT 7	8:00 AM - 1:00 PM
Saturday, OCT 14	8:00 AM - 4:00 PM
(test administered 1:30 – 4:00 PM on OCT 14)	

Capacity is limited to 20 students and registration is required. Due to limited seating no walk-ins will be accepted. Students under age 12 must be accompanied by an adult.

Students must come with the textbook ARRL Ham Radio License Manual 3rd Edition

ISBN: 978-1-62595-013-0 which can be purchased at this link:

<http://www.arrl.org/ham-radio-license-manual>

The non-refundable cost for the course is \$10 payable in cash at the first session. For students over age 18 there is an additional fee of \$14 for the license test payable on the day of the exam.

The instructor is Mr. Curt Phillips whose amateur call sign is W4CP. Curt has been licensed for more than 40 years, holds an Amateur Extra class license, and has many years of experience teaching amateur radio classes. He has taught technical courses at several area community colleges and for the NC State University Industrial Extension Service, NC A&T's Center for Energy Research and Technology as well as UNC-Charlotte and Virginia Tech.

To ask questions or register for the class please e-mail RARS Education Director Carl Davis at w8wz@aol.com



Minutes

Raleigh Amateur Radio Society Board of Directors Meeting May 16, 2017

The Board of Directors of the Raleigh Amateur Radio Society met Tuesday, May 16, 2017, at Ridge Road Baptist Church. President Dennis NC4DK called the meeting to order at 7:13 p.m.

Present: Dennis NC4DK, Tom N4TL, Chuck K4HF, Carl W8WZ, John K3RHJ, Joanne AA3N, Bill AK4BL, Marty W4MY, Ian N0IAN, and Bob NC1X, which group did represent a quorum. Also present was visitor Alan AB4OZ.

A quorum being present, approval of the minutes of the April 18, 2017 Board of Directors meeting was moved, seconded, and approved.

Vice President: Tom N4TL announced that the speaker at the next monthly meeting [June 13] Will be Marty W4MY, who will speak on Field Day.

Treasurer: Greg KE4PAX: Current membership is 392 including 15 honorary members. The board reviewed the financial condition of the Society. For additional details contact Greg.

Secretary: Bob NC1X – no report

Directors Reports:

Public Service (John K3RHJ): not present.

Education (Carl W8WZ): The Technician class is going well. The graduation is at 1300 Saturday, May 20. Fifteen of 18 remain in the class. Eleven asked to be matched with an Elmer. Several expressed an interest in HF which implies a need for a General class.

PIO (Charles KM4AMT): Not present.

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Immediate Past President (Murray K4MHM): Not present.

FM Repeater (Karl W4CHX): Not present.

Director at Large (Joanne AA3N): No report.

Director at Large (Marty W4MY): Marty noticed that some clubs say the Pledge before meetings and wondered if we should do that also.

Director at Large (Raymond NC4OO): Not present.

Other Reports:

Scouting Coordinator (Charles KM4AMT): Not present.

Exciter Chair (Tom N4TL): Articles for the next issue of the Exciter are due on June 3.

Food Service Chair (Bill AK4BL): No report.

ARRL Liaison (Chuck K4HF): Karl Bowman W4CHX is publishing the North Carolina section letter with much information of use to hams. You get it by editing your ARRL profile to receive it.

ARRL Section (Karl W4CHX): Not present.

Webmaster (Hank K4HM): Not present. Chuck K4HF reports a letter from an out of state ham complimented the club website and Hank responded to that ham.

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RARSfest Chair (Ian N01AN): Ian received a lot of good feedback from attendees. Attendance was slightly down from 2016, which was not at Easter, but was in line with prior years. Next year RARSfest 2018 will be March 31 (Easter Saturday). The updated main entry arrangement was a success with improved traffic flow. People liked the satellite demos. The Arduino table was well received. Child control was lacking in a few cases; an age /number limit might be needed next year for certain activities inside the building.

Field Day Chair (Marty W4MY): Field Day will be June 24-25th. Band captains have been lined up. Carl W8WZ volunteered to do the seminar. Satellite and natural power activities are planned.

NC QSO Party (Marty W4MY): All awards have been mailed.

W4DW/W4RNC Trustee (Jeff AC4ZO): Not present.

Net Manager (Mary KG4OQA): Not present.

Old Business: Emergency service page on RARS website has been handled. As an aside, NC4DK heard that Johnston county ARES is disbanding and the county will use AUXCOMM.

New Business: The Proposed Budget for 2017-2018 was discussed. A motion was made, seconded and approved, to present the balanced budget as discussed to the Membership in June [June 13].

The next Board meeting will be Tuesday, June 20, at 7:00 p.m. at the church.

The meeting was adjourned by President Dennis at 9:10 p.m.

Respectfully submitted,

Robert E Chapman, NC1X

RARS Secretary

MINUTES

Raleigh Amateur Radio Society General Membership Meeting June 12, 2017

The monthly membership meeting of the Raleigh Amateur Radio Society met at the Ridge Road Baptist Church in Raleigh. The meeting was called to order by President Dennis, NC4DK, at 7:31 p.m.

There were 51 members present, which constituted a quorum.

A quorum being present, a motion to accept the minutes of the May 9, 2017 meeting, as published in the Exciter, was made, seconded and approved.

Guests: Dennis NC4DK introduced guests N4ZVU Israel, and NC4TS Tom.

Alan AB4OZ reminded those present not to make on-air announcements of their vacations before-the-fact as one never knows who is listening. Alan will have a ten meter net (28.364 MHz) Saturday June 17 after the tech traders net which starts at 8:00 p.m.

Officers' Reports:

Vice President: Tom N4TL – Next month's program will be on Recent Advances in Radio Frequency Imaging Research for Aviation Security, by Dan KW4TI. You can see all remaining 2017 program subjects in The Exciter.

Treasurer: Greg, KE4PAX, submitted a Treasurer's Report (attached to file) which shows 407 members this month, and reviewed other details of the Society's financial condition. Anyone desiring additional treasury information may contact Greg for details. Greg also reviewed the proposed budget for 2017-2018 (attached to file) which was presented to the Board in April and May. A motion was made to approve the new budget, which motion was seconded and approved by the membership present.

Secretary: Bob NC1X- No report

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Continuing Announcements:

The RARS Dinner takes place monthly on the first Tuesday (next: July 4th) at 6:30 p.m., at the Golden Corral, 6129 Glenwood Ave.

The RARS Board meeting takes place monthly on the third Tuesday (next: June 20th) at 7:00 p.m. in a conference room here at the Church. Members are invited to attend.

An After-meeting gathering takes place after each Membership meeting, at Applebee's, at Hillsborough and Gorman Streets.

A New Ham/Elmers meeting with new hams and anyone interested takes place before each membership meeting, at 6:00 p.m. at the church.

Board & Committee Reports:

Public Service (John K3RHJ): Not present. The Public Service calendar is at www.rars.org/public-service.php.

Education Director (Carl W8WZ): The Technician class has completed with 12 students passing and receiving certificates. A general class will follow soon, and there will be a new Technician class in the fall. Contact Carl at w8wz@aol.com.

Field Day (Marty W4MY): Field day will be June 23rd - 25th at the Police Club. If you want to volunteer contact Marty.

FM Repeater (Karl W4CHX): Not present

RARSfest (Ian N0IAN): Not present

NC QSO Party (Marty W4MY): The next NC QSO Party will be on the last weekend in February, 2018.

At-large Directors: no reports

Old Business: none

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New Business: none

Prize drawing – Prizes were won by W4CP Curt, KM4NBO Keith, KN4CSF Kathleen, and WA4GEH Lynwood.

Program: Tom N4TL introduced Marty Young W4MY, who gave a program on the upcoming Field Day 2017, which will be June 23-25 at the Police Club. This is a new location at 3500 Leonard Road in Knightdale which has better facilities than recent field day events. Marty described what goes on in field day for the benefit of newcomers. He included a trivia event. Fourteen captains have been assigned to help. Our stations will report Class (9)A, NC. The number in parenthesis will be determined at start time.

The meeting was adjourned by President Dennis at 9:01 p.m.

Respectfully Submitted,
Robert E Chapman, NC1X
RARS Secretary

A picture
from the
Orkney
Wireless
Museum
website.



Current Public Service Opportunities

To volunteer for a Public Service event please sign up at this location <http://www.rars.org/public-service.php>

The Ham Public Service Net The HPS Net is on vacation, we will resume when the 2017 PS season begins. We will use the following repeaters in the Carolina 440 Link System:

441.725(+)(100) – Raleigh, NC Hub
443.450 (+)(100) – Cane Mt., Snow Camp, NC
444.325 (+)(100) – Holly Springs, NC
444.375 (+)(100) - Henderson, NC
444.550 (+)(100) – Coats, NC
444.775 (+)(100 – Cary, NC
444.875 (+)(100) – Wendell, NC
145.330 (-)(100) – Goldsboro, NC
442.250 (+)(107.2) - McCain/Southern Pines, NC
444.200 (+)(179.9) - Johnsonville, NC
444.025 (+)(100) - Benson, NC
442.425 (+)(100) - Buxton, NC

(The net is also accessible through IRLP Reflector 9210)

The Ham Public Service Yahoo Group link is: [Ham Public Service North Carolina](#)

WELCOME TO THE 2017 HAM PUBLIC SERVICE EVENT SIGNUP PAGE. Choose the event(s) for which you would like to volunteer and complete the sign-up form at the top of the page... note... one form for EACH event that you are volunteering. We are glad you are back. Sign up at this location <http://www.rars.org/public-service.php>

Events you can sign up for now:

2017 Velo4Yellow Ride

July 15, 2017 - Saturday - Wake Forest, NC

This is a 30, 60 and 100 mile bike event that requires SAGS, as well as Hams assigned to Rest Stops. The event benefits the LIVESTRONG (Cancer) Foundation.

* Location: Carolina Ale House, 11685 Northpark Dr., Wake Forest, NC 27587

* Ham Coordinator: John Stone (K3RHJ)

* Website: [Velo4Yellow](#)

* **Sign up at this location <http://www.rars.org/public-service.php>**

Current Public Service Opportunities continued

2017 Cup-n-Cone Tour

July 29, 2017 - Saturday - Morrisville, NC

This ride has 50 and 71 mile courses and the proceeds benefit the the National MS Society. SAGS and Rest Stop Hams are needed.

* Location: Panther Creek HS, 6770 McCrimmon Parkway, Morrisville, NC 27560

* Ham Coordinator: Wallace Smith (KJ4UKV)

* Website: [Cup-n-Cone Tour](#)

* **Sign up at this location** <http://www.rars.org/public-service.php>

2017 BikeFest

August 12, 2017 - Saturday - Hillsborough, NC

This event has 35, 62 and 100 mile routes and the proceeds benefit various Bicycling related charities. SAGS and Rest Stop Hams are needed.

* Location: 106 Margaret Lane, Hillsboro (near the Orange County Court House), NC 27278

* Ham Coordinator: John Stone (K3RHJ)

* Website: [BikeFest](#)

Sign up at this location <http://www.rars.org/public-service.php>

2017 Five-O Memorial Bike Ride

August 20, 2017 - Sunday - Raleigh, NC

This event has 32 and 65 mile courses and benefits the Raleigh Police Memorial Foundation. SAGS and Rest Stop Hams are needed.

* Location: Life Time Athletic of Raleigh, 8515 Falls of Neuse Rd., Raleigh, NC 27815

* Ham Coordinator: John Stone (K3RHJ)

* Website: [Five-O Memorial Ride](#)

Sign up at this location <http://www.rars.org/public-service.php>

2017 Bike MS: Historic New Bern Ride

September 9-10, 2017 - Saturday and Sunday - New Bern, NC

The event features 30, 50, 75 and 100 mile rides each day, requiring SAGS, staff Shadows and Rest Stop Hams. The event benefits the National Multiple Sclerosis (MS) Society and typically draws about 2000 riders.

Current Public Service Opportunities continued

- * Location: Union Point Park, 210 E Front St, New Bern, NC 28560
 - * Ham Coordinator: Brian Young (KA9QJT) for Triangle-area Hams, collaborating w/Bruce (N8UTY) of New Bern
 - * Website: [Bike MS New Bern](#)
 - * Facebook (Optional): [Bike MS Ham Radio Support group](#)
 - * Additional Info: You are not required to register as a volunteer on the Bike MS website. Do consider making hotel arrangements now. Availability is always limited. When signing up on this website, please also include your t-shirt size.
- Sign up at this location** <http://www.rars.org/public-service.php>

2017 Tour d'Orange

September 16, 2017 - Saturday - Hillsborough, NC

This event features Century and shorter rides that benefit the National Foundation for Transplants and the MS Society. SAGS and Rest Stop Hams are needed.

- * Location: Cane Creek Baptist Church, Hillsborough, NC 27278
- * Ham Coordinator: John Stone (K3RHJ)
- * Website: [Tour d'Orange](#)

Sign up at this location <http://www.rars.org/public-service.php>

2017 Cycle for Life

September 30, 2017 - Saturday - Research Triangle Park, NC

This bicycle event features 32 and 65 mile routes that benefit the Cystic Fibrosis Foundation. SAGS and Rest Stop Hams are needed.

- * Location: The Frontier, 800 Park Offices Dr, Research Triangle Park, NC 27709
- * Ham Coordinator: Wallace Smith (KJ4UKV)
- * Website: [Raleigh Cycle For Life](#)

* **Sign up at this location** <http://www.rars.org/public-service.php>

RARS Classifieds

Copied from www.rars.org/classifieds.php

The items below were listed within the last 30 days on the RARS website.

Leixen Dual Band Mobile/ VV-898

Posted July 3rd, 2017 by: WZ0Q

Contact: wz0q@outlook.com

- Leixen VV-898 Dual band Mobile

For sale a Leixen Dual band Mobile. Has 199 memories, 10 watt unit, small/compact, very clean and works great, I have 2 and only need 1.

Comes with Original box, mic. mounting bracket, power cable-full length. manual, and Programming cable.

Asking \$50.00, Or Best Offer.

919-413-5998= Cell

Dennis

WZ0Q

Do your children or
grandchildren know
what this is?

